

The Anchorage Amateur Radio News Bulletin

September, 1993

Anchorage Amateur Radio Club Newsletter
Editor - Harvey Rookus, NL7DK

Vol. 22, No. 9

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Club Information

Next Meeting Is
September 3rd.

NOTICE

Are you interested
in a Commercial
Radio License
Exam?? Contact
KL7YF Rick Marvin
after September 15,
1993 for further
information.

Hamfest Returns To Dimond Center Mall September 25th & 26th

It's time once again for the Anchorage Amateur Radio Club's Hamfest and Electronic Flea Market. The 22nd Annual Hamfest will be held Saturday and Sunday, September 25th and 26th at the Dimond Center Mall.

We'll be in the former Sports West location in the Southwest corner of the Mall. You can enter from either the Mall or by the Sports West outside entrance at the Southwest corner. Doors will be open from 10 AM until 5 PM on Saturday and from 10 AM until 3

PM on Sunday. Daily admission is \$2.00 for Adults, \$1.00 for ages 13 through 17; and children 12 and under are free. We'll be giving away lots of Door Prizes using the admission tickets for the drawings, so hang on to them!! Lucky winners may walk away with Ham equipment, radio accessories or other valuable prizes.

At this time, it looks like AMATEUR RADIO SUPPLY will be represented at

(Continued On Page 8)

FCC Changes The Business Content Guidelines *Report From W5YI*

[Editor's Note: If the Amateur Business Communications revision is printed in time, there will be a general discussion covering it at our October General Meeting. We'll be covering the effect of the changes on the usage of the KL7AA voice and packet repeaters. There'll also be a demonstration of how to use the phone patch for those of us who've forgotten]

(Reprinted by permission from the
W5YI Report)

The Federal Communications Commission has been trying for many years to accommodate the steady stream

of requests it gets from the amateur community to broaden the scope of amateur personal and public service communications. After two years of Government rule making, this proceeding (PR Docket 92-136) has finally reached the *Report and Order* stage and new ham communications content guidelines have been enacted into law.

Let's get right to the bottom line! Effective 30 days after publishing in the *Federal Register* (approximately September 15th) here is what you can - and can not do on the ham bands! But be aware that there are some exceptions!

(Continued On Page 5).

On the agenda for the September General Meeting, Gene Mockerman, KL7GID, will tell us about his recent trip to Bilibino in Northeastern Siberia to establish communications between the nuclear reactor at Bilibino and Anchorage. Gene reports that the trip was successful and there are now a number of UZO's and UA0's checking in to the Bush net to keep us informed.

We will also have the latest on the 22nd Annual AARC Hamfest and Electronic Fleamarket. After the August General Meeting we discovered that we needed to move the Hamfest to the 25th and the 26th. The Fairbanks Club was informed of the change in time for their Hamfest to be scheduled for the following weekend. The Hamfest Banquet will be Saturday Evening (September 25th) at the Ramada Northern Lights Inn.

At the August Board Meeting, we sorted out the confusion over everyone's understanding of the Hope repeater situation. Essentially, it was the understanding of the Board after our July meeting that we would undertake to honor the AARC's commitment to provide the Hope amateurs and the Hope community with a repeater and that KL7FZ and KL7M would use the old equipment IN the 147.00 repeater system. However, what KL7FZ meant was that they would use it as PART OF the 147.00 repeater system as a repeater in the Turnagain Arm.

It is still the consensus of the Board that we should work to restore repeater coverage for the Hope area. Due to the existing responsibilities and workload of the VHF and Packet Committee, we cannot expect to begin the work on the replacement before next year. Merle Beller, AL7LD, has volunteered to help expedite the work (THANKS Merle!). If KL7FZ and KL7M are able to get a working repeater covering the Turnagain Arm and the Hope area before we do, then the Board will consult with the Hope area amateurs and reassess the need for a system provided by the AARC.

Turning to the agenda for the September Board Meeting, we will be finalizing what needs to be done next on the Hamfest scheduled for September 25th and 26th, and we hope to have a workshop to continue with our work on the overall revision of the By-Laws. All members who are interested in the inner workings of the club are certainly invited to come to the Board Meetings.

See you at the meetings.

Remember The AL7MO.

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Deadline is the 20th of each month.

Swap N Shop September

Oops.

Don't have any Swap N Shop items for you this month.

Guess we'll find it all at the 22nd Annual AARC Hamfest and Electronic Fleamarket.

See you there at the Dimond Center Mall in the southwest corner on September 25th and 26th.

From The July Minutes

By: NL7NN, Susan Woods

The meeting was brought to order by the President, Richard Mote, AL7MO. Introductions were made.

Lillian Marvin, NL7DL, announced that cross-banding will no longer be allowed on the PARKA Repeater, 147.30/90 KL7ION, unless there are prior arrangements made with Lillian, or there is an emergency. Lillian is the trustee, and as such, she holds the KL7ION license.

Merle Beller, AL7LB, the ARRL Section Manager for Alaska, says that he has the paperwork for becoming the Section Manager. Any interested people are welcome to contact Merle for more information.

The BBS will be moved this weekend from the home of John Lawson, NL7NC, to the home of Mel Saunders, AL7PB. The new SYSOP says that he hopes to have the BBS back on line as soon as possible.

The issue of the Hope Repeater was raised. The Board will discuss it again, so as to straighten out the confusion.

The quorum issue was put to a vote. The question was: should the by-laws of the AARC be changed to state that a quorum at a Board Meeting shall be eight (8) instead of ten (10)? Six (6) "yes" votes would be required to for the Board to approve any motion. The question was asked. The vote was taken. The motion passed amid some opposition.

The Emergency Drill that was held out at the Anchorage International Airport earlier today, went very well, as far as

the Hams were concerned. Frank Hurlbut, NL7HP, who was net control, commented that the Hams did not lose any players. There was a minor problem getting through a locked gate, but that was over come -- eventually. All in all, every thing worked, and worked well. The Hams who had participated were given a round of applause.

We have no Hamfest/Flea Market Coordinator as of yet.

After a break, the video shown was entitled, "Getting started in Packet Radio". A CQ Communications production.

The usual door prizes were awarded. The bag of M&M's went to Dianne Hammer, NL7KN; Joan Beller, AL7NK, went away with a 5/8 wave Two Meter Antenna; and the KAM KC3 TNC went home with John Lawson, NL7NC, the Club's former BBS SYSOP!

The meeting adjourned, and the socializing continued at the Frontier Restaurant on Tudor Road.

Respectfully Submitted,
Susan J. Woods, NL7NN

Calendar 1993

SEPTEMBER

General Meeting 3rd
Board Meeting 8th
Flea Market & Hamfest 25-26th
PARKA Meeting 25th

OCTOBER

General Meeting 1st
Board Meeting 13th
PARKA Meeting 23rd
Lynne Duncan's Place
10820 Chain Of Rock

NOVEMBER

General Meeting 5th
Board Meeting 10th
PARKA Meeting 27th

DECEMBER

1993 Christmas Party 3rd
Board Meeting 8th
PARKA Meeting

**AND THEN THERE'S
NEXT YEAR!**

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From The Board Minutes

By NL7DL, Lil Marvin, Substituting For Susan, NL7NN

BOARD MEETING MINUTE
Anchorage Amateur Radio Club,
Inc. 11 August 1993

Board members present were: AL7MO, AL7BB, NL7NC, NL7VR, WL7EC, AL7PB, KL7ITI, KL7HFM, KL7YF, NL7NN, and NL7DL; others present were: KL7HFQ, NL7DK, KL7HM, KL7IKX, and AL7LB.

Joan Beller, AL7NK, our Vice-President, was absent. It was excused. Merle Beller, AL7LB, appeared as Joan's proxy.

Simon Carroway, NL7VR, our Activities Manager, will have either Gene Mockerman, KL7GID, speak about his trip to Russia, or a video at September's General Meeting. There will be a multi-meter in September's raffle.

Ideas on future programs were discussed.

A motion was made by John Lawson, NL7NC, our Treasurer, to approve the appointments of: Fred Toliver, KL7HM, as Gaming Chairman; Merle Beller, AL7LB, as Assistant Gaming Chairman; and, John Lawson, NL7NC, as Gaming Treasurer, for the Calendar year 1994. The motion was seconded by Bill Reiter, KL7ITI. Passed by Board.

Billy Capers, AL7BB, Suggested that a Treasurer's Report Published in the Newsletter would be greatly appreciated by some of the members.

A motion was made by Fred Wegner, KL7HFM, our Past President, to authorize John

Lawson, NL7NC, Treasurer to respond to the IRS in writing; and to obtain professional advice and services as to the AARC's tax status regarding the issue of IRS form 990. The second was by Simon, NL7VR. Motion passed by Board.

Doug Dickinson, KL7IKX, gave the VHF Committee Report.

The issue of the Hope Repeater was cussed and discussed. An understanding was reached as to what had transpired at the last Board meeting.

Mel Saunders, AL7PB, is now the SYSOP for the AARC Packet BBS.

The possibility of buying a 40 foot Trailer to house the Clubs' emergency communications supplies is still under investigation.

About the Flea Market: we have no confirmed site yet, although several possibilities were mentioned. The dates will be the 25th and 26th of September 1993. A motion was made by Fred Wegner, KL7HFM, our Past President, that the Anchorage Amateur Radio Club, provide Al York, of Amateur Radio Supply, with Transportation, to and from Anchorage, Table Space, and Banquet Tickets. so that he is able to attend the Flea Market. The motion passed.

The Radio School; taught by Lillian, NL7DL; and Rick, KL7YF; Marvin will begin on 28 September 1993.

Respectfully submitted by:

Susan J. Woods, NL7NN,
Secretary, AARC, Inc.



(Continued From Page 1)

**PERMISSIBLE
COMMUNICATIONS
CONTENT**

Any amateur-to-amateur communications are now permitted unless:

- a. Specifically prohibited. These include:
 - 1. Music (except incidental space shuttle music);
 - 2. Communications facilitating a criminal act;
 - 3. Messages obscured by codes or ciphers;
 - 4. Obscene or indecent words or language;
 - and
 - 5. False or deceptive messages, signals or identification.

b. Transmissions for compensation. The following exceptions apply:

- 1. Morse code practice and information bulletins (special criteria);
- 2. Classroom teachers using ham radio in the classroom.

c. Transmissions for the pecuniary benefit of the station control operator or his or her employer.

The following communications are permitted, but not ". . . on a regular basis" (not defined by FCC):

- 1. Communications which could reasonably be furnished through other radio services;
- 2. Notices concerning sale or trade of amateur station apparatus; and
- 3. Retransmissions of Government provided space shuttle, propagation and weather forecast broadcasts.

Here are some examples of the

old and new Part 97.113 which covers prohibited communications.

OLD RULE

No amateur station shall transmit any communications which promotes the business or commercial affairs of any party. If anyone profits financially, it is an illegal transmission.

NEW RULE

An amateur may not be paid, direct or indirect, for his voluntarily provided communications.

OLD RULE

Except for emergency communications, the ham bands may not be used as an alternative to other authorized radio services.

NEW RULE

Amateur-to-Amateur communications which could reasonably be furnished alternatively through other radio services will now be permitted on the ham bands - *although not on a regular basis*. This will allow amateurs to legally participate with the Weather Service, Police and Fire Department, Parks and Forestry Service, and many other local, state and federal agencies.

OLD RULE

Logistical communications including those benefiting sponsors of public gatherings are prohibited. This includes such activities as moving, ordering, supplying and quartering. All communications must be safety related or benefit the public rather than a specific sponsoring organization.

NEW RULE

All voluntary amateur communications unless the control operator or his employer profits are permitted unless

specifically prohibited. Voluntary logistical communications now allowed.

OLD RULE

Paid teachers may not use amateur communications when they are teaching since this represents transmissions for material compensation.

NEW RULE

Classroom instructors may accept compensation during the period of time when amateur communications are used during their teaching activities.

OLD RULE

Personal communications that financially benefit anyone are prohibited.

NEW RULE

Basically any communications that does not financially benefit the amateur operator or his employer are permitted. Amateur operators may still notify other amateurs of the availability for sale or trade of ham gear on the band as long as it is not a regular occurrence.

OLD RULE

No station shall transmit music on the ham bands.

NEW RULE

Music is still prohibited, but incidental music between a space shuttle and the earth will be allowed.

OLD RULE

Other than space shuttle communications, amateur stations may not retransmit radio signals from other radio services.

NEW RULE

Propagation and weather forecasts originating from U. S. Government may now also be occasionally retransmitted to amateur operators. The key word is "occasionally."

REAL LIFE SKETCHES

By Harvey Rookus, NL7DK



REAL LIFE SKETCHES by NL7DK

Phred Wegmer - Past President

Fred was raised in Mt. Pleasant, Jay County, Indiana. It seems it is a small town, but close to all the big ones. He was educated in a consolidated school, Governor I.T. Gray High School.

In 1943, after graduating from school, he entered the Merchant Marine as a Steward (Galley slave), then in 1944 becoming a Gunners Mate. This time was spent on Liberty and Victory ships. In 1945 Fred was evicted from the Merchant Marine and ended up in the Army. He went to Camp Crowder and Fort Monmouth, NJ, Fort Monmouth being the Main Signal Corps Facility of the Army.

Leaving New Jersey, he ended up on San Jose Island, Panama in 1948. From Panama he was involved in various Military Intelligence assignments until 1953. In 1953 Fred went to Germany in the Signal Corps where he obtained his 1st Ham license, W9HHV. He also used DL4HX. Fred helped set up and operated a MARS station, DL4IVY (4th Infantry Division), which also functioned as a Ham station for two years.

He returned to the United States in 1955, being stationed at Fort Ord, CA. Using Ham call K6LCA, he found that the 11 meter ham band worked pretty good using an E.F. Johnson

Ranger transmitter. On to Tokyo, Japan in 1958 as KA2DJ.

While in Japan Fred was deeply involved with a computer that had 12,000 AVS and 12,000 2V21 vacuum tubes, was located in a room 50 feet x 120 feet and used a 175 ton air conditioning unit to keep it happy. The computer was 1 of 13 around the world and was an 8000 bit machine used to pass one channel of 45 baud RTTY traffic synchronous and encrypted.

Then he was sent to Frederick, Maryland where there was an R & D Biological Warfare Center. Fred was with a Main Relay Signal Corps Communications Station.

In 1963 Fred was sent to Midway Island and became KM6DJ. He was at Midway during the 1964 Alaska Earthquake and spent 72 hours relaying messages from Alaska to the Lower 48. He worked through a KL7AIR in Alaska.

On to Hawaii in 1965 becoming KH6FOW. He was then involved with the Honolulu Amateur Radio Club. This is when Fred first learned about the Civil Air Patrol, and formed a Communications Squadron on Oahu.

Back to Alaska with the Army, when they did him the favor of sending him to Fort Gordon, GA to college where he graduated with a EE degree and a Computer Science Minor. Back

to Alaska until he retired from the Army in 1975.

Fred spent 18 months in QA with Westinghouse Air Brakes; 1 year in Bethel; 1-1/2 years with BLM and then to Fort Rich where he started fixing things that the Army broke, in the Electronics field. He retired from Fort Rich in September 1992.

Fred became involved with AARC in the 70's when they met in the Basement of the old Loussac Library. He said they would have maybe a half dozen at the meetings; Del Wolfington, Al Bianco, and Wilse Morgan to name a few. At that time they would take up a collection to pay postage.

Over the years, Fred has been President of the Club for four years; Treasurer for 9 years and on the Board of Directors the rest of the time. In early 1971, Fred put in service the 1st 2 meter repeater in Anchorage as KL7USA using an old GE Rig. The transmitter was located at the MARS station, the duplexer being 5 miles of telephone line. The receiver was located back of Camp Denali on the base.

Thanks Fred for an interesting story of life's adventures.

And bring back some great stories from your road trip!!

Harvey , NL7DK.

HAM Radio School

Sponsored By

The ANCHORAGE AMATEUR RADIO CLUB

Beginning September 28, 1993

Instructors: Lil Marvin, NL7DL & Rick Marvin, KL7YF

REGISTER BY CALLING: 277-6741

LOCATION: Central Lutheran Church, 15th & Cordova

FEE: \$35.00

REQUESTED STUDENT MATERIALS:

NOVICE: ARRL "Now You're Talking!", 0 - 5 WPM
ARRL or W5YI Code Tapes, or equivalent

TECHNICIAN: ARRL "Now You're Talking!" or Gordon
West New No Code Book, or equivalent.

GENERAL: Radio Shack or Gordon West or ARRL General
Class Manuals or equivalent, 13 WPM Code Tapes.

The books and code tapes can be purchased at the following stores:

Radio Shack Mountain View 274-0603
Radio Shack University Mall 562-2387
Or See The Instructors

**Be aware that the Morse Code requirement is the biggest
stumbling block for most aspiring hams! Begin practice now!**

Emergency Exercise August 6, 1993 As seen by your Editor on site

It started with a meeting at the Alaska/ARCO hangar on the South Side of the Anchorage International Airport. There was a long line of Volunteers, victims, waiting to sign in and receive a number and then on to make-up for the event.

Alongside the line were many trays of pastries and drinks for all to share. A meeting was held to explain the scenario. It involved an aircraft inbound from Fairbanks, which developed many problems and finally crashed at Anchorage International.

By the time the event started at

11:30 AM, some 33 Hams were located all over Anchorage. Three at Office of Emergency Services, one at Command Center, others at hospitals, on buses etc.

I was located at Command Center, located in the Susitna Room in the old terminal. When I entered at approx. 11:30 AM, the room was basically empty. Within about ten minutes there were many large and small tables, in place, with telephones, electrical connections, if needed.

To just name a few, there were, APD, AK State Troopers, FAA, NTSB, AFD, Airport Fire and

Security and many more that I can't be specific about. NL7HP, Frank Hurlbut, was NCS at OEM HQ. He did a great job of keeping everything moving as it should.

My thing in life was to monitor the Ham Net and pass on any information that I felt was pertinent to the Command Center operations.

We Hams had a hand in everything that was going on, while the various emergency agencies were only in contact with their own.

(Continued On Page 9)

(Continued From Page 1)

the Hamfest. For those of you that have attended the last several Hamfests, you will surely remember the nice selection of amateur radio equipment displayed by Al York and Amateur Radio Supply. In addition to being able to look at the latest in ham radio gear first hand, it's a nice opportunity to ask all those questions that have been lurking in the back of your mind!

This is also an excellent opportunity to rearrange your inventory, or convert some excess gear into CASH !!! Booth spaces are available for private and commercial sales. A private booth (table) will only cost \$10.00 plus 10% of all sales made; a commercial booth (table) will be available for a flat rate of \$35.00. For booth (table) information and reservations, contact Harvey Rookus, NL7DK, at (907) 333-

4693. Remember, if you don't have enough stuff for a booth of your own, the Country Store is open for use; the commission charge is 20%. The Club will also accept donations of ELECTRONIC items for our little 'ole storekeepers to wheel and deal with. Items for the Country Store MUST be electronics related. No item is too much of a 'boat-anchor'.

Our friendly Volunteer (License) Examination Coordinators will be out in force for any upgrades or initial testing. We will have demonstrations, such as Amateur TV, Packet Radio, etc. And, our Newsletter Editor, Harvey Rookus, NL7DK, and his trusted (?) assistant, Richard Mote, AL7MO, will give a demonstration on how to put together the Club newsletter using the Microsoft Publisher program. The TWEAK & PEAK service will be available again this year for VHF rigs. BE SURE TO BRING YOUR MANUAL

WITH YOU.

The Hamfest Banquet will be held Saturday Evening, September 25th, at the Ramada Inn. For reservations contact Bob Baker, NL7UH, at 345-4692 by September 18th.

Volunteers are needed in all facets of the Hamfest: Call Richard Mote, AL7MO at 248-9191 or contact any member of the Board of Directors of the AARC.

As of August 26th, the confirmed Hamfest Contributors are Barker & Williamson, World Radio Magazine, CQ Magazine, Frigid North, Antenna Specialists, GAP Antennas, Amidon, Antennas West, Kenwood, Kantronics, ATV Quarterly Magazine, ASA/Wintenna Antennas.

AARC GENERAL MEETINGS are held on the first Friday evening of each month in Room 102 of the Carr-Gottstein Building on the Alaska Pacific University Campus.

The campus is located at 4101 University Drive and Bragaw Streets. Parking is available only in the lot to the northeast of the building.

The meetings begin at 7:00 PM and visitors are always welcome! The AARC legendary raffle is open to everyone.

AARC BOARD MEETINGS are held on the second Wednesday evening of each month in Room 104 of the Carr-Gottstein Building on the APU campus. The meetings begin at 7:00 PM and are open to all club members and visitors.

ANCHORAGE ARES NET

The Anchorage area Amateur Radio Emergency Services net is held each Thursday evening at 8:00 PM on the KL7ION repeater on 147.3 (+.600). Net Control is Lil Marvin, NL7DL and alternate NCS station is KL7IO. The Westlink Amateur Radio report, Swap N Shop and the Parka Net follow the ARES net on the same frequency.

(Continued From Page 9)

I could tell them where the buses were, who or how many were on the buses, when helicopters were dispatched and to where. If I missed something, I could always give OEM a call and Frank would have the answer ready for me. For anyone just walking in the door it must have looked like total bedlam, but it was really pretty well organized

The exercise ended at approximately 2:30 PM. The important thing that the Hams accomplished, was the fact that they kept track of all of the approximately 150 victims, with no one disappearing in the shuffle. I do not know how many pieces of information were passed,

THE KL7AA REPEATERS

sponsored by the club are on 146.94 (at minus .600), 224.94 (-1.600) and 444.7 (+5.000). The two meter repeater located on top of Flattop Mt. requires a 100 hz tone for access.

The satellite receiver located on Government Hill does not require a tone. The 125 cm repeater, also on Flattop Mt. and the 70 cm repeater located at the South Central Radio site do not require tone for access. The repeater trustee is William Reiter, KL7ITI. Doug Dickinson, KL7IKX, is chairman of the VHF/UHF committee.

KL7AA-7 PACKET OPERATIONS

Ports are 145.01 mhz, 147.96 mhz and 445.05 mhz at 1,200 Baud; 7108.5 khz at 300 Baud and 445.11 mhz at 9600 Baud. Remember that 147.96 mhz is normally in use as the Iceworm link to other Alaskan communities and limit use of that port to evening hours.

A landline port is available at 300-9600 Baud, V32.bis compatible; registration is required. Contact Sysop John Lawson, NL7NC, at 337-2467 for info, or contact Sysops Doug KL7IKX, Paul WL7BF, Jim NL7C, Merle AL7LD or Bill AL7MM.

but I know that there were plenty, and my feeling is that the Hams really gave a good demonstration of what they could accomplish when needed. 73s to all.

Applause and kudos to all of the following who helped out with the Anchorage Airport Emergency Drill on August 6, 1993. A big blessing on each and every one of you for saying "yes" to the task.

Courtney Belcher NL7OM, John Bury KL7QZ, Joe Camacho NL7RX, Alden Chamberlain WL7CY, Bruce Chandler KL7QN, Fred Erickson KL7VC, Jana Erickson NL7WV, Chuck Frenzley WL7DZ, Jerry Ganapole WL7AME, Clarence Hammer

FREE LICENSE EXAMS are held on the first Wednesday evening of the month at 6:30PM in the Carr-Gottstein Bldg on the APU campus and on the third Wednesday evening of the month in Eagle River at 7PM in the basement of the VFW Hall.

Exams are also held in the Carr-Gottstein Bldg on the 1st Saturday in Odd months and the 2nd Saturday in Even months.

For more information contact VEC Director, Roger Hansen, KL7HFQ at 892-6365.

AARC MEMBERSHIP DUES are \$20.00 regular, \$25.00 family and \$10.00 student. Dues are due one year from date of last payment. There is a 30 day grace period. Life memberships are available. Contact Lance Dunbar, AL7BK, (H) 337-6297 or (W) 561-5457.

Please remember that the club receives \$2.00 for each ARRL membership renewal and \$5.00 for each new ARRL membership if they are processed through the AARC.

AARC is affiliated with the ARRL.

NL7HF, Dianne Hammer NL7KN, Frank Hurlbut NL7HP, Gil Jones WL7EC, Sid Knutson AL7KP, Dan LaHaie NL7ZD, Jim Lane WL7BO, John Lawson NL7NC, Lil Marvin NL7DL, Rick Marvin KL7YF, Doris Miller WL7BC, John Morris WL7DY, Mike Patterson WL7GY, Harvey Rookus NL7DK, Karen Saunders WL7KS, Mel Saunders AL7PB, Jeff Soots NL7YZ, Paul Spatzek WL7BF, Arlene Steward KL7HO, Harley Steward KL7IZZ, Eric Stewart AL7IM, Patrick Wilke WL7JA, Susan Woods NL7NN, Cora Worsham WL7AR.

Biggest thanks of all go to Frank Hurlbut for his excellent job at headquarters. Everybody did a great job !!

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22nd Annual AARC Hamfest & Electronics Fleamarket
September 25th and 26th



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